

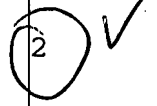
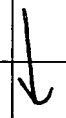
| | L # | Hits | Search Text | DBs | Time Stamp |
|---|-----|---------|---|---|---------------------|
| 1 | L1 | 17 | ((Tantalum Ta) adj (oxide pentoxide) Ta2O5 "Ta.sub.2O.sub.5" "Ta.sub.2O.sub.5") with (grain crystal\$7) near5 (column columnar) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:16 |
| 2 | L2 | 2725500 | (Silicon Si siliconnitride siliconcarbide "SiN.m/c." SiC Si3N4 "Si.sub.x C" "Si.sub.3N.sub.4" "Si.sub.3N.sub.4" "Si.sub.xN.sub.y" "Si.sub.x N.sub.y") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:20 |
| 3 | L3 | 5 | L2 same L1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:20 |
| 4 | L4 | 2 | L1 and @pd>"20060617" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:27 |
| 5 | L5 | 80057 | (ALD (atomic Mono) near (layer deposit deposition) monolayer atomiclayer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:25 |
| 6 | L6 | 2097 | ((Tantalum Ta) adj (oxide pentoxide) Ta2O5 "Ta.sub.2O.sub.5" "Ta.sub.2O.sub.5") with (grain crystal\$7) column columnar orient\$7) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:31 |
| 7 | L7 | 2725500 | (Silicon Si siliconnitride siliconcarbide "SiN.m/c." SiC Si3N4 "Si.sub.x C" "Si.sub.3N.sub.4" "Si.sub.3N.sub.4" "Si.sub.xN.sub.y" "Si.sub.x N.sub.y") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:25 |

10/759,810 - update + new search terms

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| | L # | Hits | Search Text | DBs | Time Stamp |
|----|-----|------|---|---|---------------------|
| 8 | L8 | 730 | L7 same L6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:25 |
| 9 | L9 | 2992 | L5 same ((Silicon Si) adj (carbide nitride) siliconnitride siliconcarbide "SiN.m/c." SiC Si3N4 "Si.sub.x C" "Si.sub.3N.sub.4" "Si.sub.3 N.sub.4" "Si.sub.xN.sub.y" "Si.sub.x N.sub.y" oxycarbide carbonitride) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:25 |
| 10 | L10 | 4574 | L5 same (alumina hafnia (aluminum Al hafnium Hf) adj (oxide dioxide) Al2O3 HfO2 "Al.sub.2O.sub.3" "HfO.sub.2" "Al.sub.2 O.sub.3") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:25 |
| 11 | L11 | 7 | L8 same (L9 or L10) not L1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:29 |
| 12 | L12 | 2 | L11 and @pd>"20060617" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:34 |
| 13 | L13 | 57 | L8 and (L9 or L10) not (L1 or L11) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:33 |
| 14 | L14 | 4388 | ((Tantalum Ta) adj (oxide pentoxide) Ta2O5 "Ta.sub.2O.sub.5" "Ta.sub.2 O.sub.5") same (grain crystal\$7 column columnar orient\$7) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:50 |

update



L7

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| | L # | Hits | Search Text | DBs | Time Stamp |
|----|-----|-------|---|---|---------------------|
| 15 | L15 | 1788 | L2 same L14 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:33 |
| 16 | L16 | 23 | L15 same (L9 or L10) not (L1 or L11 or L13) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:44 |
| 17 | L17 | 25 ✓ | L13 and @pd>"20060617" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:35 |
| 18 | L18 | 6 ✓ | L16 and @pd>"20060617" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:47 |
| 19 | L20 | 65 | (L15 and (L9 or L10)) not (L1 or L11 or L13 or L16) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:45 |
| 20 | L21 | 22026 | (427/566,567,569- 577,585,595,596,597,248.1- 255.7).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:46 |
| 21 | L22 | 3 | L20 and L21 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:46 |

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L23

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| | L # | Hits | Search Text | DBs | Time Stamp |
|--------------------------|-----|----------|--|---|---------------------|
| <i>update</i> | 22 | L23 1 ✓ | L22 and @pd>"20060617" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:48 |
| | 23 | L24 62 | L20 not L22 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:48 |
| <i>update</i> | 24 | L25 11 ✓ | L24 and @pd>"20060617" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:49 |
| <i>new</i> | 25 | L26 4428 | ((Tantalum Ta) adj (oxide pentoxide) Ta2O5 "Ta.sub.20.sub.5" "Ta.sub.2 O.sub.5") same (grain crystal\$7 column columnar orient\$7 needle needlelike columnlike acicular hexagonal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:52 |
| <i>L30</i> <i>L31</i> | 26 | L27 3 | L26 same (turbine engine blade shroud propeller compressor) same (barrier TBC EBC barrierlayer barriercoat) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:54 |
| <i>L32</i> | 27 | L28 1 | (L26 same (turbine engine blade shroud propeller compressor) and (barrier TBC EBC barrierlayer barriercoat)) not L27 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:55 |
| <i>L33</i> <i>L34</i> | 28 | L29 10 | (L26 same (barrier TBC EBC barrierlayer barriercoat) and (turbine engine blade shroud propeller compressor)) not (L27 or L28) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 10:57 |

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| | L # | Hits | Search Text | DBs | Time Stamp |
|----|-----|------|--|---|---------------------|
| 29 | L30 | 2 ✓ | L27 and (L2 or L5 or L10) <i>#1 - this case's pre-quant publication</i> | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 12:08 |
| 30 | L31 | 1 ✓ | L27 not L30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 11:10 |
| 31 | L32 | 1 ✓ | L28 and (L2 or L5 or L10) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 11:12 |
| 32 | L33 | 9 ✓ | L29 and (L2 or L5 or L10) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 11:14 |
| 33 | L34 | 1 ✓ | L29 not L33 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 11:38 |
| 34 | L35 | 13 | (L26 and (turbine engine blade shroud propeller compressor) same (barrier TBC EBC barrierlayer barriercoat)) not (L27 or L28 or L29) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 12:11 |
| 35 | L36 | 10 | L35 and (L2 or L5 or L10) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 12:09 |

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L37

| | L # | Hits | Search Text | DBs | Time Stamp |
|----|-----|---------|---|---|---------------------|
| 36 | L37 | 11 ✓ | L35 and (L2 or L5 or L10 or gap) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 12:12 |
| 37 | L38 | 2 ✓ | L35 not L37 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 12:09 |
| 38 | L39 | 49 ↓ | (L26 and (turbine engine blade shroud propeller compressor) and (barrier TBC EBC barrierlayer barriercoat))not (L27 or L28 or L29 or L35) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 12:11 |
| 39 | L40 | 48 ✓ | L39 and (L2 or L5 or L10 or gap) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 12:12 |
| 40 | L41 | 1 ✓ | L39 not L40 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2007/05/25 12:12 |